

Safety Data Sheet

According to Australian CoP Preparation of Safety Data Sheets for Hazardous Chemicals, Feb 2016 and New Zealand HSNO CoP 8-1 09-06



DUCK DEEP ACTION GEL PINE 650ML/ 6 AU

Version 1.0

Print Date 21.03.2017

Revision Date 22.12.2016

SDS Number 350000031906

GEN_SOF Number 57627

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier	: DUCK DEEP ACTION GEL PINE 650ML/ 6 AU
Other means of Identification	: 350000031906
Recommended use	: Toilet Cleaner
Restrictions on use	: Use only as directed on label
Australia	: S.C. Johnson & Son Pty. Ltd. ABN 71. 000 021 009 160 Epping Road, Lane Cove, N.S.W. 2066. Australia Telephone: +61 2 9428 9111
New Zealand	: S.C. Johnson & Son Pty. Ltd 79 Queen Street Auckland 1010 New Zealand Telephone: +64 9 573 2850
Emergency telephone numbers	: Australia: (8:30am – 17:30pm Mon-Thurs, 8:30am – 17:00pm Fri AEST) +61 2 9428 9111 New Zealand: (9:00am – 14:00pm Mon-Fri NZDT) +64 9 573 2850
Poison Information Contacts	: Australia: 13 11 26 New Zealand : 0800 764 766 or 0800 POISON

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Statement of Hazardous Nature (Australia)

Globally Harmonized System (GHS) Classification

Hazard classification	Hazard category	Hazards identification
Skin irritation	Category 3	Causes mild skin irritation.
Serious eye damage	Category 1	Causes serious eye damage.

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* Classification not adopted by Australia

^ Classification only triggered in Australia if 'Schedule 6 of WHS Regulations' met. Contact SCJ Consumer Advice number listed on product label if required.

Statement of Hazardous Nature (New Zealand)

HSNO Classification (NZ): : 6.3B, 8.3A

Labelling - Australia **

Hazard symbols



Corrosion

Signal word

Danger

Hazard statements

(H316) Causes mild skin irritation.

(H318) Causes serious eye damage.

Precautionary statements

(P101) If medical advice is needed, have product container or label at hand.

(P102) Keep out of reach of children.

(P310) Immediately call a POISON CENTER or doctor/ physician.

(P305 + P351 + P338) IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

(P280) Wear eye protection.

Other hazards : None identified

** The information supplied is designed for products predominately used in workplaces; whereas consumer product labels comply with the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) labelling requirements, under The Australian CoP Labelling of Workplace Hazardous Chemicals (March 2015).

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Labelling- New Zealand

Refer Australian labelling above.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	Weight percent
Alkyl dimethyl benzyl ammonium chloride	68391-01-5	0.10 - 0.50
DI-N-ALKYL DIMETHYL AMMONIUM CHLORIDE	68424-95-3	0.10 - 0.50
Other non-hazardous ingredients	various	Balance to 100

4. FIRST AID MEASURES

Description of first aid measures

Eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER or doctor/ physician.

Skin contact : No special requirements

Inhalation : No special requirements.

Ingestion : No special requirements

Most important symptoms and effects, both acute and delayed

Indication of any immediate medical attention and special treatment needed : See Description of first aid measures unless otherwise stated.

5. FIREFIGHTING MEASURES

Suitable extinguishing : Use water spray, alcohol-resistant foam, dry chemical or

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media carbon dioxide.

Specific hazards arising from substance : Container may melt and leak in heat of fire.

Special protective equipment and precautions for fire fighters : Fight fire with normal precautions from a reasonable distance. Standard procedure for chemical fires. Wear full protective clothing and positive pressure self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Wash thoroughly after handling.

Environmental precautions : Outside of normal use, avoid release to the environment.

Methods and materials for containment and cleaning up : Dike large spills.
Clean residue from spill site.

7. HANDLING AND STORAGE

Handling

Precautions for safe handling : Avoid contact with skin, eyes and clothing.
For personal protection see section 8.
Use only as directed.
KEEP OUT OF REACH OF CHILDREN AND PETS.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Storage

Requirements for storage areas and containers : Keep container closed when not in use.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

ACGIH or OSHA exposure limits have not been established for this product or reportable ingredients unless noted in the table above.

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Personal protective equipment

Respiratory protection : No special requirements.

Hand protection : No special requirements.

Eye protection : Wear splash-resistant Chemical goggles.

Skin and body protection : No special requirements.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : liquid

Color : green

Odor : Woody

Odour Threshold : Test not applicable for this product type

pH : 3.5 - 4.0

Melting point/freezing point : 32 °F

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Initial boiling point and boiling range : Test not applicable for this product type

Flash point : does not flash

Evaporation rate : Test not applicable for this product type

Flammability (solid, gas) : The product is not flammable.

Upper/lower flammability or explosive limits : Test not applicable for this product type

Vapour pressure : Test not applicable for this product type

Vapour density : Test not applicable for this product type

Relative density : 1.000 - 1.005 g/cm³ at 20 °C

Solubility(ies) : soluble

Partition coefficient: n-octanol/water : Test not applicable for this product type

Auto-ignition temperature : does not ignite

Decomposition temperature : Test not applicable for this product type

Viscosity, dynamic : 215 - 515 cps
at 20 °C

Viscosity, kinematic : Test not applicable for this product type

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Oxidizing properties : Test not applicable for this product type

Other information : None identified

10. STABILITY AND REACTIVITY

Reactivity : No dangerous reaction known under conditions of normal use.

Chemical stability : No decomposition if stored normally.

Possibility of hazardous reactions : Stable under recommended storage conditions.

Conditions to avoid : Direct sources of heat.

Incompatible materials : None known.

Hazardous decomposition products : Thermal decomposition can lead to release of irritating gases and vapours.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50 > 5,000 mg/kg

Acute inhalation toxicity : LC50 > 5.1 mg/L

Acute dermal toxicity : LD50 > 5,000 mg/kg

GHS Properties	Classification	Routes of entry
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Acute toxicity	No classification proposed	Oral
Acute toxicity	No classification proposed	Dermal
Acute toxicity	No classification proposed	Inhalation - Dust and Mist
Acute toxicity	No classification proposed	Inhalation - Vapour
Acute toxicity	No classification proposed	Inhalation - Gas
Skin irritation	Category 3	-
Serious eye damage	Category 1	-
Skin sensitisation^	No classification proposed	-
Respiratory sensitisation^	No classification proposed	-
Germ cell mutagenicity	No classification proposed	-
Carcinogenicity	No classification proposed	-
Reproductive toxicity	No classification proposed	-
Specific target organ toxicity - single exposure	No classification proposed	-
Specific target organ toxicity - repeated exposure	No classification proposed	-
Aspiration hazard	No classification proposed	-

Aggravated Medical Condition

: Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc. may be more susceptible to irritating effects

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12. ECOLOGICAL INFORMATION

Product : The product itself has not been tested.

Toxicity

The ingredients in this formula have been reviewed and no adverse impact to the environment is expected when used according to label directions.

Toxicity to fish

Components	End point	Species	Value	Exposure time
Alkyl dimethyl benzyl ammonium chloride	semi-static test LC50 NOEC	Lepomis macrochirus (Bluegill sunfish)	0.28 mg/l	96 h
		Pimephales promelas (fathead minnow)	0.03 mg/l	34 d
DI-N-ALKYL DIMETHYL AMMONIUM CHLORIDE	No data available			

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
Alkyl dimethyl benzyl ammonium chloride	EC50	Daphnia magna (Water flea)	0.0059 mg/l	48 h
DI-N-ALKYL DIMETHYL AMMONIUM CHLORIDE	EC50 Measured No data available	Daphnia (water flea)	0.011 - 0.099 mg/l	

Toxicity to aquatic plants

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Components	End point	Species	Value	Exposure time
Alkyl dimethyl benzyl ammonium chloride	EC50		0.03 mg/l	
DI-N-ALKYL DIMETHYL AMMONIUM CHLORIDE	No data available			

Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Alkyl dimethyl benzyl ammonium chloride	60 %	13 d	Readily biodegradable
DI-N-ALKYL DIMETHYL AMMONIUM CHLORIDE	No data available		Readily biodegradable

Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Alkyl dimethyl benzyl ammonium chloride	182.8	3.91
DI-N-ALKYL DIMETHYL AMMONIUM CHLORIDE	No data available	No data available

Mobility

Component	End point	Value
Alkyl dimethyl benzyl ammonium chloride	Koc	640389 - 6171657
DI-N-ALKYL DIMETHYL AMMONIUM CHLORIDE	No data available	

PBT and vPvB assessment

Component	Results
Alkyl dimethyl benzyl ammonium chloride	Not fulfilling PBT and vPvB criteria
DI-N-ALKYL DIMETHYL AMMONIUM CHLORIDE	Not fulfilling PBT and vPvB criteria

Other adverse effects : None known.

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13. DISPOSAL CONSIDERATIONS

Safe handling and disposal methods : Consumer may discard empty container in trash, or recycle where facilities exist.

Disposal of any contaminated packaging : Do not re-use empty containers.

14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/receiving documents for up-to-date shipping information.

Land transport

Not classified as dangerous in the meaning of transport regulations.

Sea transport

Not classified as dangerous in the meaning of transport regulations.

Air transport

Not classified as dangerous in the meaning of transport regulations.

[§] **Land transport:** Classification based on UN Recommendations on the Transport of Dangerous Goods. Local regulations under the Australian Dangerous Goods Code (ADG) and/or the New Zealand Land Transport Rule Dangerous Goods should be applied prior to transportation of goods.

15. REGULATORY INFORMATION

Poisons Schedule (Australia): : NOT SCHEDULED

HSNO Classification (NZ): : 6.3B, 8.3A

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HSNO Approval Number (NZ): : HSR002530 : Cleaning Products (Subsidiary Hazard) Group Standard 2006

16. OTHER INFORMATION

Revision Date: 22.12.2016

Key abbreviations or acronyms used

ADG: The Australian Code for the Transport of Dangerous Goods by Road and Rail

NZ LTR: The New Zealand Land Transport Rule: Dangerous Goods 2005

HSNO: Hazardous Substances and New Organisms Act 1996 (New Zealand)

IATA: International Air Transport Association

IMDG: International Maritime Dangerous Goods

SUSMP: Standard for the Uniform Scheduling of Medicines and Poisons (Australia)

Further information

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Prepared by	SC Johnson Global Safety Assessment & Regulatory Affairs (GSARA)
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